



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

July 18, 2017

System No. 3600772

Wally Wirick, Executive Director
2131 John Wooden Center
Los Angeles, CA 90095
WWIRICK@UNICAMP.ORG

CITATION NO. 05-13-17C-017

SURFACE WATER TREATMENT RULE VIOLATIONS FOR JUNE 2017 – UCLA UNICAMP-CAMP RIVER GLEN (SYSTEM NO. 3600772)

Enclosed is Citation No. 05-13-17C-017 (hereinafter "Citation"), issued to the UCLA UniCamp-Camp River Glen (hereinafter "UniCamp"), public water system.

The UniCamp will be billed at the State Water Resources Control Board's (hereinafter "State Water Board"), hourly rate for the time spent on issuing this Citation. California Health and Safety Code, Section 116577, provides that a public water system must reimburse the State Water Board for actual costs incurred by the State Water Board for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation. At this time, the State Water Board has spent approximately 0.5 hours on enforcement activities associated with this violation.

The UniCamp will receive a bill sent from the State Water Board in August of the next fiscal year. This bill will contain fees for any enforcement time spent on the UniCamp for the current fiscal year.

Any person who is aggrieved by a citation, order or decision issued by the Deputy Director of the Division of Drinking Water under Article 8 (commencing with Health and Safety Code, Section 116625) or Article 9 (commencing with Health and Safety Code, Section 116650), of the Safe Drinking Water Act (Chapter 4, Part 12, Division 104, of the Health and Safety Code), may file a petition with the State Water Board for reconsideration of the citation, order or decision. Appendix 1 to the enclosed Citation contains the relevant statutory provisions for filing a petition for reconsideration (Health and Safety Code, Section 116701).

Petitions must be received by the State Water Board within 30 days of the issuance of the citation, order or decision by the Deputy Director. The date of issuance is the date when the Division of

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

464 W. 4th Street, #437, San Bernardino, CA 92401 | www.waterboards.ca.gov

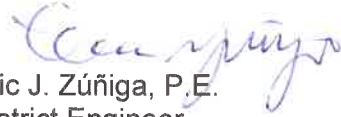
Drinking Water mails a copy of the citation, order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day by 5:00 p.m.

Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

If you have any questions regarding this matter, please contact Marisela Peña of my staff at (909) 383-5184 or me at (909) 383-4328.

Sincerely,



Eric J. Zúñiga, P.E.
District Engineer
San Bernardino District
Southern California Field Operations Branch

Enclosure

1. Certified Mail No. 05-13-17C-017
2. Do Not Drink Notice

cc: Joy Chakma, San Bernardino County EHS joy.chakma@dph.sbcounty.gov
Diana Almond, San Bernardino County EHS Diana.Almond@dph.sbcounty.gov

Citation No. 05-13-17C-017

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

Name of Public Water System: UCLA UniCamp-Camp River Glen

Water System No: 3600772

Attention: Wally Wirick, Executive Director

2131 John Wooden Center

Los Angeles, CA 90095

Issued: July 18, 2017

CITATION FOR NONCOMPLIANCE

**FAILURE TO COMPLY WITH SURFACE WATER TREATMENT RULE
REQUIREMENTS, CALIFORNIA CODE OF REGULATIONS, TITLE 22,
SECTIONS 64654(a), 64652(a), 64652(b)(1) AND (2)**

JUNE 2017

The California Health and Safety Code (hereinafter "CHSC"), Section 116650 authorizes the State Water Resources Control Board (hereinafter "State Water Board"), to issue a citation to a public water system when the State Water Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with

Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

The State Water Board, acting by and through its Division of Drinking Water (hereinafter "Division"), and the Deputy Director for the Division, hereby issues Citation No. 05-13-17C-017 (hereinafter "Citation"), pursuant to Section 116650 of the CHSC to the UCLA UniCamp-Camp River Glen (hereinafter "UniCamp"), for violation of Sections 64654(a), 64652(a), 64652(b)(1) and (2) of Title 22, California Code of Regulations (CCR).

A copy of the applicable statutes and regulations are included in Appendix 1, which is attached hereto and incorporated by reference.

STATEMENT OF FACTS

The UniCamp is classified as a transient non-community public water system with a population of 1,800, serving 1 connection. On June 14, 2017, Ms. Marisela Peña and Mr. Hector Cazares – engineers at the San Bernardino District office – sampled and determined the free chlorine residual at the treatment plant effluent to be 0.16 mg/L. On June 16, 2017, Ms. Peña determined that the treatment plant was not providing adequate disinfectant contact time to ensure 3-log removal of *Giardia* and 4-log inactivation of viruses. On June 22, 2017, Mr. Wirick discussed his interest over the phone to Ms. Peña in pursuing one of the State Board-determined corrective actions.

On July 6, 2017 the State Board was notified by Mr. Wirick and the system's certified operator, Roger Smith, that the system completed construction of the 4 tanks and the chlorination equipment. Two bacteriological samples at

1 the final clearwell effluent taken 24 hours apart were absent for total
2 coliform. The State Board issued the system a Safe to Drink Notice on July
3 6, 2017.

5 DETERMINATION

6 Section 64654(a), Surface Water Treatment Rule, Title 22, CCR requires
7 that all approved surface water utilized by a supplier shall be provided with
8 continuous disinfection treatment sufficient to insure that the total treatment
9 process provides inactivation of *Giardia lamblia* cysts and viruses, in
10 conjunction with the removals obtained through filtration, to meet the
11 reduction requirements specified in section 64652(a).

12
13 Section 64652(a) of Title 22, CCR states that a supplier using an approved
14 surface water shall provide multibarrier treatment that meets the
15 requirements of this chapter and reliably ensures at least a total of 99.9
16 percent reduction of *Giardia lamblia* cysts through filtration and disinfection;
17 and a total of 99.99 percent reduction of viruses through filtration and
18 disinfection. The log removal achieved by UniCamp was less than 1 for both
19 *Giardia* and viruses. Therefore, the State Board determined that the
20 UniCamp violated Section 64652(a)(1)(2) of Title 22, CCR.

21
22 Section 64654(b)(1)(2), Surface Water Treatment Rule, Title 22, CCR sets
23 performance standards for disinfection treatment. Water delivered to the
24 distribution system shall not contain a disinfectant residual of less than 0.2
25 mg/L for more than four hours in any 24 hour period. The residual in the
26 water entering the distribution system was at 0.16 mg/L. Therefore, the
27 State Board determined that the UniCamp violated Section 64654(b)(1)(2) of
28 Title 22, CCR.

DIRECTIVES

The UniCamp is hereby directed to take the following actions:

1. Comply with Sections 64654(a), 64652(a), and 64652(b)(1)(2) of Title 22, CCR. This directive was completed on **July 6, 2017**.
2. By **July 14, 2017**, notify all persons served by the UniCamp of the violation of Sections 64654(a), 64652(a), 64652(b)(1) and (2) in conformance with Section 64463.4 of Title 22, CCR. The Do Not Drink Notice in **Appendix 4** was used to fulfill this directive on **June 23, 2017**.

All submittals required by this Citation shall be electronically submitted to the State Water Board at the following address. The subject line for all electronic submittals corresponding to this Citation shall include the following information: Water System name and number, citation number and title of the document being submitted.

Eric J. Zúñiga, P.E.

District Engineer

San Bernardino District

Southern California Field Operations Branch

dwpdist13@waterboards.ca.gov

The State Water Board reserves the right to make such modifications to this Citation as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be effective upon issuance.

Nothing in this Citation relieves the UniCamp of its obligation to meet the requirements of the California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit or order issued or adopted thereunder.

PARTIES BOUND

This Citation shall apply to and be binding upon the UniCamp, its owners, shareholders, officers, directors, agents, employees, contractors, successors, and assignees.

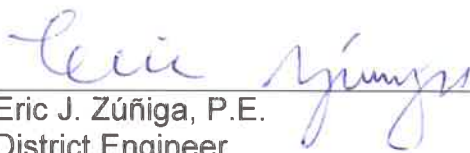
SEVERABILITY

The directives of this Citation are severable, and the UniCamp shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

FURTHER ENFORCEMENT ACTION

The California SDWA authorizes the State Water Board to: issue a citation or order with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any regulation, permit, standard, citation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the State Water Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Water Board, and to petition the superior court to take various enforcement measures against a public water system that has

1 failed to comply with an order of the State Water Board. The State Water
2 Board does not waive any further enforcement action by issuance of this
3 Citation.

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Eric J. Zúñiga, P.E.
District Engineer
San Bernardino District
Southern California Field Operations Branch


Date



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8
9
10 Appendices:

- 11
12 1. Applicable Statutes and Regulations
13 2. Do Not Drink Notice
14 3. Sequence of Events
15

16 Certified Mail No. 05-13-17C-017

**APPENDIX 1. APPLICABLE STATUTES AND REGULATIONS FOR
CITATION NO. 05-13-17C-017
FAILURE TO COMPLY WITH SURFACE WATER TREATMENT RULE
REQUIREMENTS**

NOTE: The following language is provided for the convenience of the recipient, and cannot be relied upon as the State of California's representation of the law. The published codes are the only official representation of the law. Regulations related to drinking water are in Titles 22 and 17 of the California Code of Regulations. Statutes related to drinking water are in the Health & Safety Code, the Water Code, and other codes.

California Health and Safety Code (CHSC):

Section 116271 states in relevant part:

(a) The State Water Resources Control Board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of all of the following:

- (1) The Environmental Laboratory Accreditation Act (Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101).
- (2) Article 3 (commencing with Section 106875) of Chapter 4 of Part 1.
- (3) Article 1 (commencing with Section 115825) of Chapter 5 of Part 10.
- (4) This chapter and the Safe Drinking Water State Revolving Fund Law of 1997 (Chapter 4.5 (commencing with Section 116760)).
- (5) Article 2 (commencing with Section 116800), Article 3 (commencing with Section 116825), and Article 4 (commencing with Section 116875) of Chapter 5.
- (6) Chapter 7 (commencing with Section 116975).
- (7) The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Division 43 (commencing with Section 75001) of the Public Resources Code).
- (8) The Water Recycling Law (Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code).
- (9) Chapter 7.3 (commencing with Section 13560) of Division 7 of the Water Code.
- (10) The California Safe Drinking Water Bond Law of 1976 (Chapter 10.5 (commencing with Section 13850) of Division 7 of the Water Code).
- (11) Wholesale Regional Water System Security and Reliability Act (Division 20.5 (commencing with Section 73500) of the Water Code).
- (12) Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Division 26.5 (commencing with Section 79500) of the Water Code).

(b) The State Water Resources Control Board shall maintain a drinking water program and carry out the duties, responsibilities, and functions described in this section. Statutory reference to "department," "state department," or "director" regarding a function transferred to the State Water Resources Control Board shall refer to the State Water Resources Control Board. This section does not impair the authority of a local health officer to enforce this chapter or a county's election not to enforce this chapter, as provided in Section 116500...

- (k)
- (1) The State Water Resources Control Board shall appoint a deputy director who reports to the executive director to oversee the issuance and enforcement of public water system permits and other duties as appropriate. The deputy director shall have public health expertise.
 - (2) The deputy director is delegated the State Water Resources Control Board's authority to provide notice, approve notice content, approve emergency notification plans, and take other action pursuant to Article 5 (commencing with Section 116450), to issue, renew, reissue, revise, amend, or deny any public water system permits pursuant to Article 7 (commencing with Section 116525), to suspend or revoke any public water system permit pursuant to Article 8 (commencing with Section 116625), and to issue citations, assess penalties, or issue orders pursuant to Article 9 (commencing with Section 116650). Decisions and actions of the deputy director taken pursuant to Article 5 (commencing with Section 116450) or Article 7 (commencing with Section 116525) are deemed decisions and actions taken, but are not subject to reconsideration, by the State Water Resources Control Board. Decisions and actions of the deputy director taken pursuant to Article 8 (commencing with Section 116625) and Article 9 (commencing with Section 116650) are deemed decisions and actions taken by the State Water Resources Control Board, but any aggrieved person may petition the State Water Resources Control Board for reconsideration of the decision or action. This subdivision is not a limitation on the State Water Resources Control Board's authority to delegate any other powers and duties.

Section 116555 states in relevant part:

(a) Any person who owns a public water system shall ensure that the system does all of the following:

- (1) Complies with primary and secondary drinking water standards.

(2) Will not be subject to backflow under normal operating conditions.

(3) Provides a reliable and adequate supply of pure, wholesome, healthful, and potable water.

Section 116625 (Revocation and suspension of permits) states:

(a) The department, after a hearing noticed and conducted as provided in Section 100171, may suspend or revoke any permit issued pursuant to this chapter if the department determines pursuant to the hearing that the permittee is not complying with the permit, this chapter, or any regulation, standard, or order issued or adopted thereunder, or that the permittee has made a false statement or representation on any application, record, or report maintained or submitted for purposes of compliance with this chapter. If the permit at issue has been temporarily suspended pursuant to subdivision (c), the accusation shall be served and notice of the hearing date given within 15 days of the effective date of the temporary suspension order. The commencement of the hearing shall be as soon as practicable, but in no case later than 60 days after the effective date of the temporary suspension order.

(b) The permittee may file with the superior court a petition for a writ of mandate for review of any decision of the department made pursuant to subdivision (a). Failure to file a petition shall not preclude a party from challenging the reasonableness or validity of a decision of the department in any judicial proceeding to enforce the decision or from pursuing any remedy authorized by this chapter.

(c) The department may temporarily suspend any permit issued pursuant to this chapter prior to any hearing when the action is necessary to prevent an imminent or substantial danger to health. The director shall notify the permittee of the temporary suspension and the effective date thereof and, at the same time, notify the permittee that a hearing has been scheduled. The hearing shall be held as soon as possible, but not later than 15 days after the effective date of the temporary suspension and shall deal only with the issue of whether the temporary suspension shall remain in place pending a hearing on the merits. The temporary suspension shall remain in effect until the hearing is completed and the director has made a final determination on the temporary suspension, that in any event shall be made within 15 days after the completion of the hearing. If the determination is not transmitted within 15 days after the hearing is completed, the temporary suspension shall be of no further effect. Dissolution of the temporary suspension does not deprive the department of jurisdiction to proceed with a hearing on the merits under subdivision (a).

Section 116650 states in relevant part:

(a) If the state board determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the state board may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

(b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.

(c) A citation may specify a date for elimination or correction of the condition constituting the violation.

(d) A citation may include the assessment of a penalty as specified in subdivision (e).

(e) The state board may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation and shall be in addition to any liability or penalty imposed under any other law.

Section 116701 (Petitions to Orders and Decisions) states:

(a) Within 30 days of issuance of an order or decision issued by the deputy director under Article 8 (commencing with Section 116625) or Article 9 (commencing with Section 116650), an aggrieved person may petition the state board for reconsideration. Where the order or decision of the deputy director is issued after a hearing under Chapter 5 (commencing with Section 11500) of Part 1 of Division 3 of Title 2 of the Government Code, this section shall apply instead of Section 11521 of the Government Code.

(b) The petition shall include the name and address of the petitioner, a copy of the order or decision for which the petitioner seeks reconsideration, identification of the reason the petitioner alleges the issuance of the order was inappropriate or improper, the specific action the petitioner requests, and other information as the state board may prescribe. The petition shall be accompanied by a statement of points and authorities of the legal issues raised by the petition.

(c) The evidence before the state board shall consist of the record before the deputy director and any other relevant evidence that, in the judgment of the state board, should be considered to implement the policies of this chapter. The state board may, in its discretion, hold a hearing for receipt of additional evidence.

(d) The state board may refuse to reconsider the order or decision if the petition fails to raise substantial issues that are appropriate for review, may deny the petition upon a determination that the issuance of the order or decision was appropriate and proper, may set aside or modify the order or decision, or take other appropriate action. The state board's action pursuant to this subdivision shall constitute the state board's completion of its reconsideration.

(e) The state board, upon notice and hearing, if a hearing is held, may stay in whole or in part the effect of the order or decision of the deputy director.

(f) If an order of the deputy director is subject to reconsideration under this section, the filing of a petition for reconsideration is an administrative remedy that must be exhausted before filing a petition for writ of mandate under Section 116625 or 116700.

**APPENDIX 2. TITLE 22, CALIFORNIA CODE OF REGULATIONS
FOR CITATION NO. 05-13-17C-017
FAILURE TO COMPLY WITH SURFACE WATER TREATMENT RULE
REQUIREMENTS**

§64654. Disinfection.

(a) All approved surface water utilized by a supplier shall be provided with continuous disinfection treatment sufficient to insure that the total treatment process provides inactivation of *Giardia lamblia* cysts and viruses, in conjunction with the removals obtained through filtration, to meet the reduction requirements specified in section 64652(a).

(b) Disinfection treatment shall comply with the following performance standards:

(1) Water delivered to the distribution system shall not contain a disinfectant residual of less than 0.2 mg/l for more than four hours in any 24 hour period.

(2) The residual disinfectant concentrations of samples collected from the distribution system shall be detectable in at least 95 percent of the samples taken each month that the system serves water to the public, except as provided in subsection (c). At any sample point in the distribution system, the presence of heterotrophic plate count (HPC) at concentrations less than or equal to 500 colony forming units per milliliter shall be considered equivalent to a detectable disinfectant residual.

(c) Paragraph (b)(2) shall not apply to suppliers serving fewer than 500 persons provided:

(1) The system is in compliance with 17 CCR sections 7583 through 7605, and with 22 CCR sections 64602 and 64570(b), 64572, and 64580;

(2) The supplier has no means for having a sample transported and analyzed for HPC by a certified laboratory under the appropriate time and temperature conditions; and

(3) The supplier is providing adequate disinfection in the distribution system.

(d) No exemptions from the requirement in paragraph (b)(1) are permitted.

Article 2. Treatment Technique Requirements, Watershed Protection Requirements, and Performance Standards

§64652. Treatment Technique Requirements and Compliance Options.

(a) A supplier using an approved surface water shall provide multibarrier treatment that meets the requirements of this chapter and reliably ensures at least, between a point where the raw water is not subject to recontamination by surface water runoff and a point downstream before or at the first customer:

(1) A total of 99.9 percent reduction of *Giardia lamblia* cysts through filtration and disinfection;

(2) A total of 99.99 percent reduction of viruses through filtration and disinfection; and

(3) A total of 99 percent removal of *Cryptosporidium* through filtration.

**APPENDIX 3. SEQUENCE OF EVENTS FOR
CITATION NO. 05-13-17C-017
FAILURE TO COMPLY WITH SURFACE WATER TREATMENT RULE
REQUIREMENTS**

On June 14, 2017, Ms. Marisela Peña and Mr. Hector Cazares – engineers at the San Bernardino District office – sampled for the chlorine residual at the treatment plant effluent. The free chlorine residual was reported to be 0.16 mg/L, and the system was subsequently evaluated for the removal of *Giardia* and viruses.

On June 16, 2017, Ms. Peña determined that the treatment plant was not providing adequate disinfectant contact time to ensure 3-log removal of *Giardia* and 4-log inactivation of viruses. Following notification of the violation, Mr. Wirick had a conference call on June 17, 2017 with Ms. Peña and the District Engineer to evaluate corrective actions. A Do Not Drink Notice was issued to the UniCamp on June 21, 2017.

On June 22, 2017, Mr. Wirick discussed his interest over the phone to Ms. Peña in pursuing one of the State Board-determined corrective actions. The corrective action plan consisted of installing 17,500 gallons of storage and relocating the chlorine injection point. Mr. Wirick visited the San Bernardino District office on June 23, 2017 to discuss application requirements for the installation of 4 clearwells (at 10,000 gallons each) and chlorine injection equipment with Ms. Peña and the District Engineer.

On July 6, 2017 the State Board was notified by Mr. Wirick and the system's certified operator, Roger Smith, that the system completed construction of the 4 tanks and the chlorination equipment. Two bacteriological samples at the final clearwell effluent taken 24 hours apart were absent for total coliform. The State Board issued the system a Safe to Drink Notice on July 6, 2017.

June 23, 2017

UNSAFE WATER ALERT

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

UCLA UniCamp-Camp River Glen water is possibly contaminated with *Giardia* and viruses

DO NOT DRINK YOUR WATER

Failure to follow this advisory could result in illness.

On June 14, 2017, disinfectant levels at UCLA UniCamp-Camp River Glen (UniCamp) dropped below 0.2 milligrams per liter (mg/L) for more than four hours. Drinking water standards for surface water sources require levels to be maintained at or above 0.2 mg/L for more than four hours. On June 16, 2017 the State Water Resources Control Board, Division of Drinking Water (State Board) determined that the system is not providing the amount of time necessary, or the "contact time", to ensure proper disinfection. Although chlorine quickly kills most bacteria, it is less effective against organisms such as viruses and parasites. For this reason, water needs to mix with chlorine for a longer time period to kill such organisms.

The State Water Resources Control Board, San Bernardino County Health Department, and UCLA UniCamp-Camp River Glen Water System are advising residents of Camp River Glen to **NOT USE THE TAP WATER FOR DRINKING AND COOKING UNTIL FURTHER NOTICE.**

What should I do?

- **DO NOT DRINK YOUR TAP WATER---USE ONLY BOTTLED WATER.** Bottled water should be used for all drinking (including baby formula and juice), brushing teeth, washing dishes, making ice and food preparation **until further notice.**
- **DO NOT TRY AND TREAT THE WATER YOURSELF.** Boiling, freezing, filtering, adding chlorine or other disinfectants, or letting water stand will not make the water safe.
- **Optional:** Potable water is available at the following locations: [\[List locations\]](#)
Please bring a clean water container (5 gallons maximum capacity).

We will inform you when we have corrected the situation. We expect to resolve the problem within [\[estimated time frame\]](#).

For more information call:

Water Utility contact: [\[Name, title, phone & address of responsible utility representative\]](#).

State Water Resources Control Board at: Division of Drinking Water, San Bernardino District, Eric Zuniga, (909) 383-4327

Local County Health Department: [\[insert phone number of local health department\]](#).

This notice is being sent to you by UCLA UniCamp-Camp River Glen. California Public Water System ID # 3600772. Date Distributed: [\[date\]](#).

Please share this information with all other people who receive this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

Last updated – 12/08/14